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From: Li, Ruixiang
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Subject: Sequence search of Application NO: 09/758,593

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Please do a standard search of SEQ ID NOs: 1 and 2 against interference nucleic acid databases.

Thank you very much!

Ruixiang Li
GAU 1646
CM1 10E18
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306-0282

1-
2-

03
12/10/02
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12/13/02

Searcher: _____
Phone: _____
Location: _____
Date Picked Up: _____
Date Completed: _____
Searcher Prep/Review: _____
Clerical: _____
Online time: _____

TYPE OF SEARCH:
NA Sequences: _____
AA Sequences: _____
Structures: _____
Bibliographic: _____
Litigation: _____
Full text: _____
Patent Family: _____
Other: _____

VENDOR/COST (where applic.)
STN: _____
DIALOG: _____
Questel/Orbit: _____
DRLink: _____
Lexis/Nexis: _____
Sequence Sys.: _____
WWW/Internet: _____
Other (specify): _____

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OM nucleic - nucleic search, using sw model

Run on: December 12, 2002, 21:35:04 ; Search time 109 Seconds
(without alignments)
4201.320 Million cell updates/sec

Title: US-09-758-593A-2
Perfect score: 1158
Sequence: 1 cagctcagggagcgccacca.....ctaccacaataaaaaagctg 1158

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
Searched: 355320 seqs, 197730502 residues
Total number of hits satisfying chosen parameters: 710640

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications_NA:
1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:
2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:
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4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq:
5: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq:
6: /cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq:
7: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq:
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12: /cgn2_6/ptodata/1/pubpna/US10_PUBCOMB.seq:
13: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:
14: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1158	100.0	1158	10	US-09-880-192-48
2	1158	100.0	1158	10	US-09-758-593A-2
3	569	49.1	569	10	US-09-758-593A-5
4	550.4	47.5	576	10	US-09-758-593A-3
5	500	43.2	550	10	US-09-833-381-837
6	304	26.3	330	10	US-09-758-593A-6
7	253	21.8	253	10	US-09-758-593A-4
8	248.4	21.5	1889	9	US-09-974-298-182
9	210.6	18.2	315	10	US-09-758-593A-9
10	183.6	15.9	255	10	US-09-758-593A-7
11	170.2	14.7	275	10	US-09-758-593A-8
12	157.4	13.6	207	10	US-09-758-593A-10
13	85	7.3	800	10	US-09-833-381-839
14	77.2	6.7	1345	9	US-09-840-243B-10
15	77.2	6.7	2649	10	US-09-908-805B-32
16	70.8	6.1	1299	10	US-09-908-711-12
17	68	5.9	5175	9	US-09-964-899-42
18	64.8	5.6	1797	10	US-09-735-368-3
19	64.8	5.6	1957	10	US-09-735-368-1

20	64.2	5.5	1789	10	US-09-840-704-1	Sequence 1, Appli
21	62.2	5.4	1773	10	US-09-835-788A-7	Sequence 7, Appli
22	62	5.4	4134	10	US-09-841-835-1	Sequence 1, Appli
23	62	5.4	4491	10	US-09-841-835-7	Sequence 7, Appli
24	61.4	5.3	2024	10	US-09-835-788A-3	Sequence 3, Appli
25	61.2	5.3	1277	10	US-09-879-957-7	Sequence 7, Appli
26	61	5.3	766	10	US-09-822-830A-222	Sequence 222, App
27	60	5.2	736	10	US-09-833-381-1150	Sequence 1150, Ap
28	60	5.2	2505	10	US-09-947-199-9	Sequence 9, Appli
29	60	5.2	3026	10	US-09-947-199-7	Sequence 7, Appli
30	59.4	5.1	4657	10	US-09-841-835-9	Sequence 9, Appli
31	59.2	5.1	737	10	US-09-910-943-434	Sequence 434, App
32	59	5.1	5352	10	US-09-833-381-1027	Sequence 1027, Ap
33	59	5.1	5352	10	US-09-833-381-1028	Sequence 1028, Ap
34	58.8	5.1	641	10	US-09-833-381-1141	Sequence 1141, Ap
35	58.6	5.1	1155	9	US-09-924-400-328	Sequence 328, App
36	58.6	5.1	1155	10	US-09-810-936-328	Sequence 328, App
37	57.8	5.0	486	9	US-09-736-457-1406	Sequence 1406, Ap
38	57.8	5.0	486	9	US-09-902-941-1406	Sequence 1406, Ap
39	57.8	5.0	2409	9	US-09-964-899-40	Sequence 40, Appli
40	57.8	5.0	3400	10	US-09-509-196A-1	Sequence 1, Appli
41	57.6	5.0	905	10	US-09-833-381-845	Sequence 845, App
42	57	4.9	1059	9	US-09-924-400-298	Sequence 298, App
43	57	4.9	1059	9	US-10-012-896-372	Sequence 372, App
44	57	4.9	1059	10	US-09-759-143-372	Sequence 372, App
45	57	4.9	1059	10	US-09-780-669-372	Sequence 372, App

ALIGNMENTS

RESULT 1
US-09-880-192-48
; Sequence 48, Application US/09880192
; Patent No. US20020077470A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael G.
; APPLICANT: Volkmut, Wayne
; APPLICANT: Klingler, Tod M.
; APPLICANT: Azimzal, Yalda
; TITLE OF INVENTION: POLYNUCLEOTIDES ASSOCIATED WITH CARDIAC MUSCLE FUNCTION
; FILE REFERENCE: PB-0009-1 CIP
; CURRENT APPLICATION NUMBER: US/09/880,192
; CURRENT FILING DATE: 2001-06-12
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PERL Program
; SEQ ID NO 48
; LENGTH: 1158
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020077470A1 5578191CBI
US-09-880-192-48

Query Match	100.0%	Score 1158;	DB:10;	Length 1158;
Best Local Similarity	100.0%;	Pred. No. 5.6e-273;	Mismatches 0;	Indels 0;
Matches 1158;	Conservative 0;	Gaps 0;		
Oy	1	CAGCTCGAGGGACGGCACCATTGGAGGACATCCCGAGGGCGGTGCAGAGGCCACACAGCGCTCAT	60	
Db	1	CAGCTCGAGGGACGGCACCATTGGAGGACATCCCGAGGGCGGTGCAGAGGCCACACAGCGCTCAT	60	
Oy	61	CGAGCAGCGGCTGGCAGAGGAGGAGATGAGAACTCCGAGGAGACACACAGCCAGAA	120	
Db	61	CGAGCAGCGGCTGGCAGAGGAGGAGATGAGAACTCCGAGGAGACACACAGCCAGAA	120	
Oy	121	GCTGCCATGGACTTGTCTGGTGTCTGGAGATGAGAGACCACGGGGCTCAGAGTGCAGC	180	
Db	121	GCTGCCATGGACTTGTCTGGTGTCTGGAGATGAGAGACCACGGGGCTCAGAGTGCAGC	180	
Oy	181	CCTGCAGAGGTTGAAGGGCCAAAGAGCGCTGCGCAAGACGTCCTCGACCTCGCGGGGCA	240	
Db	181	CCTGCAGAGGTTGAAGGGCCAAAGAGCGCTGCGCAAGACGTCCTCGACCTCGCGGGGCA	240	

Db 181 CCTGACAGAGGTGAAGGCCAAGAGCGCGTGGCCAAAGACGTCCTGGACCTGGCGCGGA 240
QY 241 GATCATCGATGTGGCGGGGATCCAGAACCTCATGAGCTGCGGAAGAAACCCAGAGCAGAA 300
Db 241 GATCATCGATGTGGCGGGGATCCAGAACCTCATGAGCTGCGGAAGAAACCCAGAGCAGAA 300
QY 301 GAAGCGGAGCTGTGGCGCCCTGCGATGAGCGCCGCCAGAGCCCGAGAGGATCACTGG 360
Db 301 GAAGCGGAGCTGTGGCGCCCTGCGATGAGCGCCGCCAGAGCCCGAGAGGATCACTGG 360
QY 361 CCCTGTGATGAGGAGACCTTCCTGAAAGCTGCGGTGGAGGGGAAATGAAGGTCAATTGA 420
Db 361 CCCTGTGATGAGGAGACCTTCCTGAAAGCTGCGGTGGAGGGGAAATGAAGGTCAATTGA 420
QY 421 GAAGTTCCTGGCTGACGGGGGTGAGCCGACACGTGCGACCAAGTTCCTGCGGACAGCACT 480
Db 421 GAAGTTCCTGGCTGACGGGGGTGAGCCGACACGTGCGACCAAGTTCCTGCGGACAGCACT 480
QY 481 GCACCGAGCTTCCTGGAAGGCCACATGGAATCCTGGAGAAAGCTTCTAGATAATGGGGC 540
Db 481 GCACCGAGCTTCCTGGAAGGCCACATGGAATCCTGGAGAAAGCTTCTAGATAATGGGGC 540
QY 541 CACTGTGAGCTTCAGGATCGGTGGACTGCACAGCCATCATTTGGGCTGCGCGGGGG 600
Db 541 CACTGTGAGCTTCAGGATCGGTGGACTGCACAGCCATCATTTGGGCTGCGCGGGGG 600
QY 601 CCACCTTAGAGGTGGTGAAGCTTCGCAAGCCATGGAGCAGACACCAATGTGAGGGATAA 660
Db 601 CCACCTTAGAGGTGGTGAAGCTTCGCAAGCCATGGAGCAGACACCAATGTGAGGGATAA 660
QY 661 GCTGCTGAGCACCCGCTGACGCTGGCAGTCCGGACAGGCGAGGTGGAGATTGTGGAGCA 720
Db 661 GCTGCTGAGCACCCGCTGACGCTGGCAGTCCGGACAGGCGAGGTGGAGATTGTGGAGCA 720
QY 721 CTTTCTATCCCTGGGCTGGAATCAATGCGAGACAGGAAGGGGATCTGCCCTGCA 780
Db 721 CTTTCTATCCCTGGGCTGGAATCAATGCGAGACAGGAAGGGGATCTGCCCTGCA 780
QY 781 TGAGCGTGTGAGGCTCAACCGCTACAAAATCATCAAACTGCTGCTGCTGATGGGGCTGA 840
Db 781 TGAGCGTGTGAGGCTCAACCGCTACAAAATCATCAAACTGCTGCTGCTGATGGGGCTGA 840
QY 841 CATGATGACCAAGAACCTGCGAGGAAGACCCGACGAGCTGCTGAGCTCTGGCAGGC 900
Db 841 CATGATGACCAAGAACCTGCGAGGAAGACCCGACGAGCTGCTGAGCTCTGGCAGGC 900
QY 901 TGATACCCGCGACGCCCTGGAGCATCCTGAGCCGGGGCTGAGCATTAACGGGCTGGAGGG 960
Db 901 TGATACCCGCGACGCCCTGGAGCATCCTGAGCCGGGGCTGAGCATTAACGGGCTGGAGGG 960
QY 961 GCCTAATGATAGTGGGCGAGACCCCTCAGCCTGTCGAGCCGAGTGAATGCGTGCCCC 1020
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QY 1021 AGCCAGCAGCTACCCAGCCCTCTCTGTGTGCGAGCGGAGGTCTTAAGAATGGCTCC 1080
Db 1021 AGCCAGCAGCTACCCAGCCCTCTCTGTGTGCGAGCCGAGGTCTTAAGAATGGCTCC 1080
QY 1081 CGGAGCTTAAGTGGGCGCCAGCCCTTTTCTGATGATCCAGGAGCACAATACCACAACT 1140
Db 1081 CGGAGCTTAAGTGGGCGCCAGCCCTTTTCTGATGATCCAGGAGCACAATACCACAACT 1140
QY 1141 ACCACATAAAAAAGCTG 1158
Db 1141 ACCACATAAAAAAGCTG 1158

RESULT 2
US-09-758-593A-2
; Sequence 2, Application US/09758593A
; Patent No. US20020127636A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael, G.

; TITLE OF INVENTION: Ankyrin Repeat Domain 2 Protein
; FILE REFERENCE: PC-0025 CIP
; CURRENT APPLICATION NUMBER: US/09/758, 593A
; CURRENT FILING DATE: 2001-06-11
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PERL Program
; SEQ ID NO 2
; LENGTH: 1158
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020127636A1 55781910B1
US-09-758-593A-2

Query Match 100.0%; Score 1158; DB 10; Length 1158;

Best Local Similarity 100.0%; Pred. No. 5.6e-273;

Matches 1158; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CAGCTCAGGAGCGGCACCATGGAGGACTCCGAGGCGGTGCAGAGGCCACACAGCGCTCAT 60
Db 1 CAGCTCAGGAGCGGCACCATGGAGGACTCCGAGGCGGTGCAGAGGCCACACAGCGCTCAT 60
QY 61 CGAGCAGCGCTGGCAGCAGAGGAGGAGATGAGAAACTCCGAGGAGACACACGCCAGAA 120
Db 61 CGAGCAGCGCTGGCAGCAGAGGAGGAGATGAGAAACTCCGAGGAGACACACGCCAGAA 120
QY 121 GCTGCCCATGACCTTGTGCTGTGGAGGATGAGAAGCACCACGGGCTCAGAGTGCAGC 180
Db 121 GCTGCCCATGACCTTGTGCTGTGGAGGATGAGAAGCACCACGGGCTCAGAGTGCAGC 180
QY 181 CCGTGAAGAGGTGAAGGCCCAAGCGCGTGGCAAGACGTCCTTGGACCTGCGCGCGGA 240
Db 181 CCGTGAAGAGGTGAAGGCCCAAGCGCGTGGCAAGACGTCCTTGGACCTGCGCGCGGA 240
QY 241 GATCATCGATGTGGCGGGGATCCAGAACCTCATCGACTCGGAGAGAAACCCAGAGCAGAA 300
Db 241 GATCATCGATGTGGCGGGGATCCAGAACCTCATCGACTCGGAGAGAAACCCAGAGCAGAA 300
QY 301 GAAGCGGAGCGCTGTGGCGCCCTGCGATGAGCCGCCCGCCAGAGCCCGAGGAGATCACTGG 360
Db 301 GAAGCGGAGCGCTGTGGCGCCCTGCGATGAGCCGCCCGCCAGAGCCCGAGGAGATCACTGG 360
QY 361 CCCTGTGATGAGGAGACCTTCCTGAAAGCTGCGGTGGAGGGGAAATGAAGGTCAATTGA 420
Db 361 CCCTGTGATGAGGAGACCTTCCTGAAAGCTGCGGTGGAGGGGAAATGAAGGTCAATTGA 420
QY 421 GAAGTTCCTGGCTGACGGGGGTGAGCCGACACGTGCGAGCAGTTCGCTGCGAGCAGCT 480
Db 421 GAAGTTCCTGGCTGACGGGGGTGAGCCGACACGTGCGAGCAGTTCGCTGCGAGCAGCT 480
QY 481 GCACCGAGCTTCCTGGAAGGCCACATGGAATCCTGGAGAAAGCTTCTAGATAATGGGGC 540
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QY 541 CACTGTGAGCTTCAGGATCGGTGGACTGCAGAGCCATGCATTTGGGCTGCGCGGGGG 600
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 Db 841 CATGATGACCAAGAACTGGCAGGAAGACCCGACGACACCTGGTGCAGCTCTGCGAGGC 900
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 Db 901 TGATACCGGCGACCCCTGGAGCATCTCTGAGCCGGGGGCTGAGCATAAACGGGCTGGAGG 960
 QY 961 GCCTAATGATAGTGGGAGAGACCCCTCAGCCTGTGCCAGCCAGTGAATGCGTGGCC 1020
 Db 961 GCCTAATGATAGTGGGAGAGACCCCTCAGCCTGTGCCAGCCAGTGAATGCGTGGCC 1020
 QY 1021 AGCCAGCAGCTACCCAGCCCTCTCTGTGTCAGCGGAGGCTCCTAAGAATGGCTCC 1080
 Db 1021 AGCCAGCAGCTACCCAGCCCTCTCTGTGTCAGCGGAGGCTCCTAAGAATGGCTCC 1080
 QY 1081 CGGAGCTAACTGAGGGCCAGCCCTTTTCTGTCATGATCCAGGAGCACATACCAAACT 1140
 Db 1081 CGGAGCTAACTGAGGGCCAGCCCTTTTCTGTCATGATCCAGGAGCACATACCAAACT 1140
 QY 1141 ACCACAATAAAAGCTG 1158
 Db 1141 ACCACAATAAAAGCTG 1158

RESULT 3
 US-09-758-593A-5/C
 ; Sequence 5, Application US/09758593A
 ; Patent No. US20020127636A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Walker, Michael, G.
 ; TITLE OF INVENTION: Ankyrin Repeat Domain 2 Protein
 ; FILE REFERENCE: PC-0025 CIP
 ; CURRENT APPLICATION NUMBER: US/09/758, 593A
 ; CURRENT FILING DATE: 2001-06-11
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PERL Program
 ; SEQ ID NO 5
 ; LENGTH: 569
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; OTHER INFORMATION: Incyte ID No. US20020127636A1 972118T6
 US-09-758-593A-5

Query Match 49.1%; Score 569; DB 10; Length 569;
 Best Local Similarity 100.0%; Pred. No. 1.1e-129;
 Matches 569; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 558 ATCCGCTGGAGTGCACAGCCATGATGGGCTGCGCGGGGGCCACTTAGAGTGGTGA 617
 Db 569 ATCCGCTGGAGTGCACAGCCATGATGGGCTGCGCGGGGGCCACTTAGAGTGGTGA 510
 QY 618 AACTTCTGCAAGCATGGAGCAGACCAATGTGAGGATAAGCTGCTGAGCACCCTGC 677
 Db 509 AACTTCTGCAAGCATGGAGCAGACCAATGTGAGGATAAGCTGCTGAGCACCCTGC 450
 QY 678 TGCAGTGGCAGTCCGACAGGGAGGTGGAGATTGTGGAGCACTTTCTATCCCTGGGCC 737
 Db 449 TGCAGTGGCAGTCCGACAGGGAGGTGGAGATTGTGGAGCACTTTCTATCCCTGGGCC 390
 QY 738 TGGAAATCAATGCCAGAGACAGGGAAGGGATATGCGCCTGCATGACGCTGTGAGGCTCA 797
 Db 389 TGGAAATCAATGCCAGAGACAGGGAAGGGATATGCGCCTGCATGACGCTGTGAGGCTCA 330
 QY 798 ACCGCTACAAATCATCAAACTGCTCTCTGTCATGGGGCTGACATGATGACCAAGAAC 857
 Db 329 ACCGCTACAAATCATCAAACTGCTCTCTGTCATGGGGCTGACATGATGACCAAGAAC 270
 QY 858 TGGCAGGAAGACCCCGACGACCTGTGTGACGCTCTGCGAGGCTGATACCCGGCAGGCC 917

Db 269 TGGCAGGAAGACCCCGACGACCTGTGTGACGCTCTGCGAGGCTGATACCCGGCAGGCC 210
 QY 918 TGGAGCATCTTGAGCCGGGGGCTGAGCATAAACGGGCTGAGGGGCTTAATGATAGTGGC 977
 Db 209 TGGAGCATCTTGAGCCGGGGGCTGAGCATAAACGGGCTGAGGGGCTTAATGATAGTGGC 150
 QY 978 GAGAGACCCCTCAGCCTGTGCCAGCCAGTGAATGCGTGGCCAGCCAGCCAGCTACCC 1037
 Db 149 GAGAGACCCCTCAGCCTGTGCCAGCCAGTGAATGCGTGGCCAGCCAGCCAGCTACCC 90
 QY 1038 AGCCCTCTCTGTGTGCCAGCCGGAGGTCCTAAGAATGGCTCCCGAGCTAACTAGGGC 1097
 Db 89 AGCCCTCTCTGTGTGCCAGCCGGAGGTCCTAAGAATGGCTCCCGAGCTAACTAGGGC 30
 QY 1098 CCAGCCTTTTCTGTCATGATCCAGGAGC 1126
 Db 29 CCAGCCTTTTCTGTCATGATCCAGGAGC 1

RESULT 4
 US-09-758-593A-3
 ; Sequence 3, Application US/09758593A
 ; Patent No. US20020127636A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Walker, Michael, G.
 ; TITLE OF INVENTION: Ankyrin Repeat Domain 2 Protein
 ; FILE REFERENCE: PC-0025 CIP
 ; CURRENT APPLICATION NUMBER: US/09/758, 593A
 ; CURRENT FILING DATE: 2001-06-11
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PERL Program
 ; SEQ ID NO 3
 ; LENGTH: 576
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; OTHER INFORMATION: Incyte ID No. US20020127636A1 9721118R6
 US-09-758-593A-3

Query Match 47.5%; Score 550.4; DB 10; Length 576;
 Best Local Similarity 99.5%; Pred. No. 3.8e-125;
 Matches 573; Conservative 0; Mismatches 1; Indels 2; Gaps 2;
 QY 11 GACGGCACCATGGAGGACTCCGAGCGGTGCGAGGGGCGACAGCGCTCATCGAGCAGCG 70
 Db 1 GACGGCACCATGGAGGACTCCGAGCGGTGCGAGGGGCGACAGCGCTCATCGAGCAGCG 60
 QY 71 CTGGCAGAGGAGGAGGAATGAGAACTCCGAGGAGACACACGCGCAAGCTGCCCATG 130
 Db 61 CTGGCAGAGGAGGAGGAATGAGAACTCCGAGGAGACGCGCGCAAGCTGCCCATG 120
 QY 131 GACTTGTGCTGGAGGATGAGAAAGCACCACGGGGCTCAGAGTGCAGCCCTGCAGAG 190
 Db 121 GACTTGTGCTGGAGGATGAGAAAGCACCACGGGGCTCAGAGTGCAGCCCTGCAGAG 180
 QY 191 GTGAAGGCCAAGAGCGCGTGGCAAGAGCTCCCTGGACCTGCGGGGGAGATCATCAT 250
 Db 181 GTGAAGGCCAAGAGCGCGTGGCAAGAGCTCCCTGGACCTGCGGGGGAGATCATCAT 240
 QY 251 GTGGCGGGATCCAGAACTCATCGAGCTGCGGAAGAACCAAGCAGCAAGAGCGGGAC 310
 Db 241 GTGGCGGGATCCAGAACTCATCGAGCTGCGGAAGAACCAAGCAGCAAGAGCGGGAC 300
 QY 311 GCTCTGGCGGCTCTGCATGAGCCGCCCGCCAGAGCGGAGGATCACTGGCCCTGTGGAT 370
 Db 301 GCTCTGGCGGCTCTGCATGAGCCGCCCGCCAGAGCGGAGGATCACTGGCCCTGTGGAT 360
 QY 371 GAGGAGACCTTCTCTGAAAGCTGCGGTGGAGGGGAAA - ATGAAGGTCTATTGAGAGTTCT 429
 Db 361 GAGGAGACCTTCTCTGAAAGCTGCGGTGGAGGGGAAAACATGAAGGTCTATTGAGAGTTCT 420

QY 430 GCGTACGGGGGTGACCGCAGACGTCGACAGCACTTCCTCGGACAGCAGCACTGCACCGAGC 489
Db 421 GCGTACGGGGGTGACCGCAGACGTCGACAGCACTTCCTCGGACAGCAGCACTGCACCGAGC 480
QY 490 TTCCCTGGAA-GGCCACATGGAATCCTGGAGAGCTTCTAGATAATGGGCCACTGTGG 548
Db 481 TTCCCTGGAGGGCCACATGGAATCCTGGAGAGCTTCTAGATAATGGGCCACTGTGG 540
QY 549 ACTTCAGGATCGCTGGAGTGCACAGCCATGCATT 584
Db 541 ACTTCAGGATCGCTGGAGTGCACAGCCATGCATT 576

RESULT 5
US-09-833-381-837
; Sequence 837, Application US/09833381
; Patent No. US2002013209A1
; GENERAL INFORMATION:
; APPLICANT: Robison, Keith E.
; TITLE OF INVENTION: No. US2002013209A1: Nucleic Acid and Protein Homologs
; FILE REFERENCE: 5800-119
; CURRENT APPLICATION NUMBER: US/09/833,381
; CURRENT FILING DATE: 2001-04-11
; PRIOR APPLICATION NUMBER: 09/516,448
; PRIOR FILING DATE: 2000-02-29
; NUMBER OF SEQ ID NOS: 2050
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 837
; LENGTH: 550
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-833-381-837

Query Match 43.2%; Score 500; DB 10; Length 550;
Best Local Similarity 100.0%; Pred. No. 7e-113; Indels 0; Gaps 0;
Matches 500; Conservative 0; Mismatches 0;

QY 659 AAGCTGTGACGACCCCGCTGACGTGGCAGTCCGGACAGGGCAGGTGGAGATTGTGGAG 718
Db 1 AAGCTGTGACGACCCCGCTGACGTGGCAGTCCGGACAGGGCAGGTGGAGATTGTGGAG 60
QY 719 CACTTTCTATCCCTGGCCCTGGAAATCAATGCCAGACAGGGAAGGGATCTGCCTG 778
Db 61 CACTTTCTATCCCTGGCCCTGGAAATCAATGCCAGACAGGGAAGGGATCTGCCTG 120
QY 779 CATGACGCTGTGAGGCTCAACCGCTCAAAATCATCAAACTGCTCTCTGCAATGGGGCT 838
Db 121 CATGACGCTGTGAGGCTCAACCGCTCAAAATCATCAAACTGCTCTCTGCAATGGGGCT 180
QY 839 GACATGATGACCAAGAACCTGGCAGGAAGACCCCGACGACCTGTGTCAGCTCTGGCAG 898
Db 181 GACATGATGACCAAGAACCTGGCAGGAAGACCCCGACGACCTGTGTCAGCTCTGGCAG 240
QY 899 GCTGATACCCGGCAGCCCTGGAGCATCTCTGAGCCGGGGCTGAGCATACAGGGCTGGAG 958
Db 241 GCTGATACCCGGCAGCCCTGGAGCATCTCTGAGCCGGGGCTGAGCATACAGGGCTGGAG 300
QY 959 GGGCTAATGATAGTGGGGCAGAGACCCCTCAGCTGTGCCAGCCAGTGAATGCGTGCC 1018
Db 301 GGGCTAATGATAGTGGGGCAGAGACCCCTCAGCTGTGCCAGCCAGTGAATGCGTGCC 360
QY 1019 CCAGCCCGCAGCATCCCGAGCCCTCTCTGTGTGACGCCGGAGGGTCTTGAAGATGGCT 1078
Db 361 CCAGCCCGCAGCATCCCGAGCCCTCTCTGTGTGACGCCGGAGGGTCTTGAAGATGGCT 420
QY 1079 CCGGAGCTAACTGAGGGGCCAGGCTTTTCTGTCATGATCCAGGACCATACCAAAA 1138
Db 421 CCGGAGCTAACTGAGGGGCCAGGCTTTTCTGTCATGATCCAGGACCATACCAAAA 480
QY 1139 CTACCACAATAAAAAAGCTG 1158
Db 481 CTACCACAATAAAAAAGCTG 500

RESULT 6
US-09-758-593A-6
; Sequence 6, Application US/09758593A
; Patent No. US20020127636A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael, G.
; TITLE OF INVENTION: Ankyrin Repeat Domain 2 Protein
; FILE REFERENCE: PC-0025 CIP
; CURRENT APPLICATION NUMBER: US/09/758,593A
; CURRENT FILING DATE: 2001-06-11
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PERL Program
; SEQ ID NO 6
; LENGTH: 330
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020127636A1 7350215H1
US-09-758-593A-6

Query Match 26.3%; Score 304; DB 10; Length 330;
Best Local Similarity 100.0%; Pred. No. 3.1e-65; Indels 0; Gaps 0;
Matches 304; Conservative 0; Mismatches 0;

QY 855 ACCTGGCAGGAAAGACCCGACGACCTGTGTCAGCTCTGGCAGGCTGATACCCGGCAGC 914
Db 1 ACCTGGCAGGAAAGACCCGACGACCTGTGTCAGCTCTGGCAGGCTGATACCCGGCAGC 60
QY 915 CCCTGGAGCATCTGAGCCGGGGCTGTGAGCATACCGGCTGGAGGGCCCTAATGATAGTG 974
Db 61 CCCTGGAGCATCTGAGCCGGGGCTGTGAGCATACCGGCTGGAGGGCCCTAATGATAGTG 120
QY 975 GCGAGAGACCCCTCAGCCCTGTGCCAGCCAGTGAATGCTGCCAGCCAGCCAGCCAGCTA 1034
Db 121 GCGAGAGACCCCTCAGCCCTGTGCCAGCCAGTGAATGCTGCCAGCCAGCCAGCCAGCTA 180
QY 1035 CCAGCCCTCTCTGTGTGTCAGCCGGAGGGTCTCTAAGAATGGCTCCCGGAGCTAACTGAG 1094
Db 181 CCAGCCCTCTCTGTGTGTCAGCCGGAGGGTCTCTAAGAATGGCTCCCGGAGCTAACTGAG 240
QY 1095 GGGCCAGCCCTTTTCTGTCATGATCCAGGACACATACCAAACTACCAATAAAAAA 1154
Db 241 GGGCCAGCCCTTTTCTGTCATGATCCAGGACACATACCAAACTACCAATAAAAAA 300
QY 1155 GCTG 1158
Db 301 GCTG 304

RESULT 7
US-09-758-593A-4
; Sequence 4, Application US/09758593A
; Patent No. US20020127636A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael, G.
; TITLE OF INVENTION: Ankyrin Repeat Domain 2 Protein
; FILE REFERENCE: PC-0025 CIP
; CURRENT APPLICATION NUMBER: US/09/758,593A
; CURRENT FILING DATE: 2001-06-11
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PERL Program
; SEQ ID NO 4
; LENGTH: 253
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020127636A1 4852018H1
US-09-758-593A-4

Query Match 21.8%; Score 253; DB 10; Length 253;

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Best Local Similarity 100.0%; Pred. No. 7.5e-53;
Matches 253; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 357 CTGGCCCTGTGATGAGGAGACCTTCTCAAAAGCTGCGGTGAGGGGAAATGAAGGTCA 416
Db 1 CTGGCCCTGTGATGAGGAGACCTTCTCAAAAGCTGCGGTGAGGGGAAATGAAGGTCA 60
QY 417 TTGAGAAGTTCTGGCTGACGGGGGTGACCGAGACAGTGCACACAGTTCCCGTCGGACAG 476
Db 61 TTGAGAAGTTCTGGCTGACGGGGGTGACCGAGACAGTGCACACAGTTCCCGTCGGACAG 120
QY 477 CACTGACGAGCTTCCCTGGAAGGCCACATGGAATCTCGAGAGCTTCTAGATAATG 536
Db 121 CACTGACGAGCTTCCCTGGAAGGCCACATGGAATCTCGAGAGCTTCTAGATAATG 180
QY 537 GGGCCACTGTGACTTCAGAGTGGCTGGACTGGACAGCCATGATTTGGGCTGCCGG 596
Db 181 GGGCCACTGTGACTTCCAGGATGGCTGGACTGGACAGCCATGATTTGGGCTGCCGG 240
QY 597 GGGGCCACTTAGA 609
Db 241 GGGGCCACTTAGA 253

RESULT 8
US-09-794-298-182
; Sequence 182, Application US/09974298
; Patent No. US20020156263A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Huel-Mei
; TITLE OF INVENTION: GENES EXPRESSED IN BREAST CANCER
; FILE REFERENCE: PA-0037 P
; CURRENT APPLICATION NUMBER: US/09/974,298
; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 60/238,331
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: PERL Program
; SEQ ID NO 182
; LENGTH: 1889
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020156263A1 332919.4
; NAME/KEY: unsure
; LOCATION: 1882
; OTHER INFORMATION: a, t, c, g, or other
US-09-794-298-182

Query Match 21.5%; Score 248.4; DB 9; Length 1889;
Best Local Similarity 64.7%; Pred. No. 1.8e-51;
Matches 369; Conservative 0; Mismatches 201; Indels 0; Gaps 0;

QY 338 CCAGAGCCCGAGGAGATCACTGGCCCTGTGGATGAGGAGACCTTCTGAAAGCTGGGGTG 397
Db 478 CCAGAGACCTGAATCATATTACGNAACCTGTGGATGTGCTTCTGAGGCTGCTCTG 537
QY 398 GAGGGGAAATGAAGTCAATGAGAGTTCTCTGGCTGACGGGGGTGACCCGACAGCTGC 457
Db 538 GAGAATAAACTGCCAGTAGTAAAAAATTTCTGTGACAGAAGAACAAATCCAGATGTTGT 597
QY 458 GACCAGTTCCGTCGACAGACACTGCACCGAGCTTCCCTGGAAGGCCACATGGAATCCNG 517
Db 598 GATGAGTATAACGACACACTTCTCATAGAGCATGCTTGAAGGACATTTGGCAATTTG 657
QY 518 GAGAAGCTTCTAGATAATGGGCCACTGTGGACTTCCAGGATCGGCTGACGATGCACAGCC 577
Db 658 GAGAAGTTAATGAAGCTGGAGCCGACATGCAATCCCGTGATGCTTGAATCCACAGCC 717
QY 578 ATGCATTTGGGCTGGCGGGGGCCACTTAGAGGTGGTGAATCTTCTCAAAAGCCATGGA 637
Db 718 ATCCACTGGGCAAGCGGTGGAGAAACCTGGATGTTTTAAAAATTTGCTGTAATAAAGGA 777

Best Local Similarity 100.0%; Pred. No. 7.5e-53;
Matches 253; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 638 GCAGACACCAATGTGAGGATAAGCTGCTGAGCACCCCGCTGCACCTGGCAGTCCGACG 697
Db 778 GCAAAATTTAGCGCCGAGATAGTTGCTCAGCACAGCCGCTGCATGTGGCGGTGAGGACT 837
QY 698 GGGCAGGTGGAGATGTGGAGCAGCTTCTATCCCTGGGCTTGGAAATCAATGCCAGAGAC 757
Db 838 GGGCACTATGAGTGGCGCGGAGCATCTTATCGCTGTGAGGCGACACCTCAACGCCAAAGAC 897
QY 758 AGGGAAGGGATACCTCCCTGCGATGACGCTGTGAGGCTCAACCGCTACAAATCATCAA 817
Db 898 AGAGAAGGAGATACCCCGTTGCGATGATGCGGTGAGACTGAACGCTTATAGATGATCCGA 957
QY 818 CTGCTGCTCTCTCTGATGGGCTGACATGATGACCAAGAACTGGCAGGAAGACCCGACG 877
Db 958 CTCTCTGATTTATGATGGCGGGATCTCAACATCAAGAACTGTCTGGGAAGACGCCGATG 1017
QY 878 GACCTGGTCCAGCTCTGGCAGGCTGATACC 907
Db 1018 GATCTGCTACTACTGGCAGAATGAACC 1047

RESULT 9
US-09-758-593A-9
; Sequence 9, Application US/09758593A
; Patent No. US20020127636A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael, G.
; TITLE OF INVENTION: Ankyrin Repeat Domain 2 Protein
; FILE REFERENCE: PC-0025 CIP
; CURRENT APPLICATION NUMBER: US/09/758,593A
; CURRENT FILING DATE: 2001-06-11
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PERL Program
; SEQ ID NO 9
; LENGTH: 315
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020127636A1 700188047H1
; NAME/KEY: unsure
; LOCATION: 54, 80, 121
; OTHER INFORMATION: a, t, c, g, or other
US-09-758-593A-9

Query Match 18.2%; Score 210.6; DB 10; Length 315;
Best Local Similarity 82.9%; Pred. No. 1.7e-42;
Matches 262; Conservative 0; Mismatches 52; Indels 2; Gaps 2;

QY 380 TTCCTCAAAAGCTGCGGTGAGGGGAAATGAAGTCAAGGTCAATGAGAACTTCTGCTGACGGG 439
Db 2 TTCCTCAAAAGCTGCGGTGAGGGGAAATGAAGTCAAGTCAATGAGAACTTCTGAGAGACGGA 61
QY 440 GGGTCAGCCGACAGCTGCGACCACTTCCGTGCGACAGCACTGCACGAGCTTCCCTGGAA 499
Db 62 GGTTCGGCAGACACCTGTATGAGTTCCGTGCGACAGCACTGCATCGGCTCCCTGGAN 121
QY 500 GGGCAGCATGGAATCTCGAGAGCTTCTAGATAATGGGGCCACTGTGGAGTTCAGGAT 559
Db 122 GGACACATGGAGTACTTGGAGAACTTCTGGAGAATGGGGCCACCGTGGACTTCCAGAT 181
QY 560 CGGCTGCACTGCACAGCCATGCTGGGCTGCCGGGGGGCCACTAGAGGTGTGAA 619
Db 182 CGGCTGCACTGCACAGCCATGCTGGGCTGCCGGGGGGCCACTAGAGGTGTGAA 241
QY 620 CTTTCTCAAAAGCATGGAGCAGACCAATGTGAGGGAATGAAGTGTGAGCACCCCGCTG 679
Db 242 -TCTTCAAAAGTGGGGGGCCACCGAGGTGAGAGACAGCT-ATGAGCACTCCCTG 299
QY 680 CAGGTGGCAGTCCGGA 695
Db 300 CATGTGGGCTCCGTA 315
```

RESULT 10
 US-09-758-593A-7
 ; Sequence 7, Application US/09758593A
 ; Patent No. US20020127636A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Walker, Michael, G.
 ; TITLE OF INVENTION: Ankyrin Repeat Domain 2 Protein
 ; FILE REFERENCE: PC-0025 CIP
 ; CURRENT APPLICATION NUMBER: US/09/758,593A
 ; CURRENT FILING DATE: 2001-06-11
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PERL Program
 ; SEQ ID NO 7
 ; LENGTH: 255
 ; TYPE: DNA
 ; ORGANISM: Rattus norvegicus
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; OTHER INFORMATION: Incyte ID No. US20020127636A1 700911986H1
 ; -09-758-593A-7

Query Match 15.9%; Score 183.6; DB 10; Length 255;
 Best Local Similarity 82.7%; Pred. No. 5.9e-36;
 Matches 210; Conservative 0; Mismatches 44; Indels 0; Gaps 0;
 QY 10 GGAGGGCACCATTGGAGGACTCCGAGGGGTGCAGAGGGCCACAGCGCTCATCGAGCAGCG 69
 DB 2 GGAAGGCACCATGAGGGTCCCGAGGTGTGCAGAGAGCCACAGCTCATCGAGCAGCG 61
 QY 70 GCTGGCAGAGGAGGAGATGAGAACTCCGAGGAGACACAGCCAGAGCTGCCCAT 129
 DB 62 GCTTCCGAGGAGGAGAGACTTGAGAACTTCGAGAGCCACTCCTGGGAAGACGTCCAT 121
 QY 130 GCACTTGTGTGTGGAGGTGAGAGCACCACCGGGCTCAGAGTGCAGCCCTGCAGAA 189
 DB 122 GGACATGCTAGTGTAGAGGACGAGAGCGCTCGGGGTGCAGAGTCTGTTTACAAAA 181
 QY 190 GGTGAAGGGCCAAAGAGCGGTGCGCAAGACGCTCCTGTGACCTGGCGGGGAGATCATCGA 249
 DB 182 GGTGAAGGGCCAAAGAGCGGTGCGCAAGACATCCTGTGACTGGCAGCTGAGATCATGA 241
 QY 250 TGTGGCGGGATCC 263
 DB 242 CGTGGCGGGATCC 255

RESULT 11
 US-09-758-593A-8
 ; Sequence 8, Application US/09758593A
 ; Patent No. US20020127636A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Walker, Michael, G.
 ; TITLE OF INVENTION: Ankyrin Repeat Domain 2 Protein
 ; FILE REFERENCE: PC-0025 CIP
 ; CURRENT APPLICATION NUMBER: US/09/758,593A
 ; CURRENT FILING DATE: 2001-06-11
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PERL Program
 ; SEQ ID NO 8
 ; LENGTH: 275
 ; TYPE: DNA
 ; ORGANISM: Rattus norvegicus
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; OTHER INFORMATION: Incyte ID No. US20020127636A1 701144158H1
 ; -09-758-593A-8

Query Match 14.7%; Score 170.2; DB 10; Length 275;
 Best Local Similarity 81.3%; Pred. No. 1.1e-32;
 Matches 222; Conservative 0; Mismatches 48; Indels 3; Gaps 2;

QY 19 CATGAGGACTCCGAGGGGTGCAGAGGGCCACAGCGCTCATCGAGAGCGGTGGC---A 76
 DB 4 CATGAGGGTCCCGAGGGGTGTGCAGAGAGCCACAGAGCTCATCGAGAGCGGTGGCGA 63
 QY 77 CAGGAGGAGGAGATGAGAACTCCGAGGAGACACAGCCAGAGCTGCCCATGGACTTG 136
 DB 64 ATGAAGGAGAGAGACTGAGAACTTCGAAGAGCCACTCCTGGGAAGACGCTCCATGGACATG 123
 QY 137 CTGGTGTGGAGGATGAGAGCAGCAGCGGGCTCAGAGTGCAGGCCTCGAAGAGGTGAAG 196
 DB 124 CTAGTGTAGAGGAGAGAGCGCC-TGGGGTGCAGAGTCTCTTTACAAAAGGTTAAG 182
 QY 197 GCGCAAGAGCGGTGCGGAGAGACGTCCCTGACCTGCGGGGAGATCATCGATGTGGGC 256
 DB 183 GCGCAAGAGCGGTGCGGAGAGACATCCCTGGACTTCCGACGTGAGATCATTTGACGTGGGC 242
 QY 257 GGGATCCAGAACCTCATGGAGCTCGGAAGAA 289
 DB 243 GGGATCCAGAACCTCATAGAACTGAGGAAAAA 275

RESULT 12
 US-09-758-593A-10
 ; Sequence 10, Application US/09758593A
 ; Patent No. US20020127636A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Walker, Michael, G.
 ; TITLE OF INVENTION: Ankyrin Repeat Domain 2 Protein
 ; FILE REFERENCE: PC-0025 CIP
 ; CURRENT APPLICATION NUMBER: US/09/758,593A
 ; CURRENT FILING DATE: 2001-06-11
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PERL Program
 ; SEQ ID NO 10
 ; LENGTH: 207
 ; TYPE: DNA
 ; ORGANISM: Rattus norvegicus
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; OTHER INFORMATION: Incyte ID No. US20020127636A1 700913268H1
 ; US-09-758-593A-10

Query Match 13.6%; Score 157.4; DB 10; Length 207;
 Best Local Similarity 85.0%; Pred. No. 1.3e-29;
 Matches 176; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

QY 743 ATCAATGCCAGAGAGGAGGATCTGCTTGCATGACGCTGTGAGCTCAACCGC 802
 DB 1 ATCAATGCCAAGACAGAGAGGAGGACAGTGCCTTGCATGATGCCGTGAGACTCAACCGC 60
 QY 803 TACAAATCATCAAACTCTGCTCCTGCATGGGCTGACATGATGACCAAGAACTGGCA 862
 DB 61 TACAAATCATCAAACTCTGCTTGCATGGGCGAGACATGATGGCTAAGAATATGGCG 120
 QY 863 GGAAGACCCCGACGAGCTGCTGCTGACAGCTTGGCAGGCTGTATCCCGCAGCCCTGGAG 922
 DB 121 GGAAGACCCCTACCGAGCTGCTCCAGCTGTGCGAAGCAGACACCCGCGCTGCCCTGGAG 180
 QY 923 CATCTGAGCGGGGCTGAGCATAAC 949
 DB 181 CACCTGAACAGATCAGACAGAAC 207

RESULT 13
 US-09-833-381-839
 ; Sequence 839, Application US/09833381
 ; Patent No. US20020132090A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Robison, Keith E.
 ; TITLE OF INVENTION: No. US20020132090A1el Nucleic Acid and Protein Homologs
 ; FILE REFERENCE: 5800-119
 ; CURRENT APPLICATION NUMBER: US/09/833,381
 ; CURRENT FILING DATE: 2001-04-11

; PRIOR APPLICATION NUMBER: 09/516,448
 ; PRIOR FILING DATE: 2000-02-29
 ; NUMBER OF SEQ ID NOS: 2050
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 839
 ; LENGTH: 800
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-833-381-839

Query Match 7.3%; Score 85; DB 10; Length 800;
 Best Local Similarity 53.8%; Pred. No. 8.5e-12;
 Matches 175; Conservative 0; Mismatches 150; Indels 0; Gaps 0;

QY 411 AGGTCATTGAGAGCTTCTGCTGACGGGGTCCAGCCGACACGTCGACGACAGTTCGCTC 470
 DB 267 AGGACATTGAGTCTGCTGGCCACCGGGGAGAGACCCAGGATCAGGACAGGATGCC 326
 DB 471 GGACAGCACTGCACCGAGCTTCCCTGGAAGCCACATGGAATCCTGGAGAGCTTCTAG 530
 DB 327 GCTCTGCGCTGCACAGGCTGCCGCCGAGGACACCTGCTTGGCGTCCAGTTGCTGTG 386
 QY 531 ATAATGGGGCCACTGTGAGATTCAGGATCGGCTGGACTGCACAGCCATGCAATGGGCT 590
 DB 387 CCCAGGGGGCGAGGTGGATGCGGGGACACCCCTGGGCTCACACCCCTGCATCAGCGCT 446
 QY 591 GCGCGGGGGCCACTTAGAGGTGTGAACCTTCTGCAAGCCATGGAGCAGACACCATG 650
 DB 447 CTCGGGAAGGCCAGTGGAGTTCGCCGCTGCTGCTGGACAGGGGTGCCAGGTGGATG 506
 QY 651 TGAGGGATAAGCTGCTGAGCACCCTGCTGACGCTGGCAGTCCGGACAGGCGAGTGGAGA 710
 DB 507 CTACCGCTGCTCGGAAGACCCCTACACCTGGCTGACAGAGGCGGATGGCCTA 566
 QY 711 TTGTGGAGCACTTCTATCCCTGGG 735
 DB 567 CCGTGGGGCTTCTGCTGAGCGGAGG 591

RESULT 14

US-09-840-243B-10
 ; Sequence 10, Application US/09840243B
 ; Patent No. US20020156258A1

GENERAL INFORMATION:

; APPLICANT: MASTERNAK, Krzysztof
 ; APPLICANT: REITH, Walter
 ; APPLICANT: MACH, Bernard
 ; TITLE OF INVENTION: New Transcription Factor of MHC Class II Genes, Substances
 ; TITLE OF INVENTION: Capable of Inhibiting This New Transcription Factor and
 ; TITLE OF INVENTION: Medical Uses of These Substances
 ; FILE REFERENCE: 010830-117
 ; CURRENT APPLICATION NUMBER: US/09/840, 243B
 ; CURRENT FILING DATE: 2001-04-24
 ; PRIOR APPLICATION NUMBER: EP 98120085.0
 ; PRIOR FILING DATE: 1998-10-24
 ; NUMBER OF SEQ ID NOS: 22
 ; SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 10

LENGTH: 1345

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: CDS

LOCATION: (418)..(1200)

US-09-840-243B-10

Query Match 6.7%; Score 77.2; DB 9; Length 1345;

Best Local Similarity 48.2%; Pred. No. 7.9e-10;

Matches 217; Conservative 0; Mismatches 233; Indels 0; Gaps 0;

QY 435 ACGGGGGTACCGCAGACAGTTCGCTGCGAGCAGTTCGCTGCGAGCAGTTCACCGAGCTTCCC 494
 DB 656 ACGAGGTGTACGCTCTGCGCGCCACCCCTAGACTCCCTGTCCATCCACCGAGCTCGCAGCAC 715

QY 495 TGAAGAGCCACATGGAATCCTGGAGAGCTTCTAGATAATGGGGCCACTGTGGACTTCC 554
 DB 716 AGGGGAGCTGGACCACTGAGAGCAATTTGCGGAAAGGTGACACACCTCGTCACACAGC 775
 QY 555 AGGATCGGCTGGACTGTCACACCATGATGGGCTGCCGGGGGCGCCACTTTAGAGTGG 614
 DB 776 CAGACGAGCGGGCTTACCCCTCATCTGGGCTCGGCTTTGGAGAGATTGAGACCG 835
 QY 615 TGAACCTTCTGCAAAAGCCATGGAGCAGACACCAATGTGAGGATAGCTGCTGAGCACC 674
 DB 836 TTCGTTCTCTGCTGGAGTGGGTCGCCACCCCATCTGCGAAAGAGAGAGAGAGCG 895
 QY 675 CGCTGCAGCTGGCAGTCCGGACAGAGGAGGTGAGGATGTGGAGCACTTTCTATCCCTGG 734
 DB 896 CCCGTGCTGGCAGCAGACAGCGGCTACACAGACATTTGTTGGGCTGCTGTGGAGCGTG 955
 QY 735 GCCTGGAATCAATGCCAGACAGGAGGAGTACTGCCCTGTCATGACGCTGTGAGGC 794
 DB 956 ACGTGGACATCAACATCTATGATTGGAATGGAGGACGCCACTGCTGTACGCTGTGCGCG 1015
 QY 795 TCACCGCTACAAATCATCAAACTGCTGCTCTGCTGCTGAGGCTGACATGATGACCAAGA 854
 DB 1016 GGAACCACTGAAATGCTTGGAGCTTCTGCTGGCCGAGGCGCTGACCTCACACCGAAG 1075
 QY 855 ACCTGGCAGGAAAGACCCCGAGGACCTGG 884
 DB 1076 CCGACTCTGGCTACACCCCGATGGACCTTG 1105

RESULT 15

US-09-908-805B-32
 ; Sequence 32, Application US/09908805B
 ; Patent No. US20020147307A1

GENERAL INFORMATION:

; APPLICANT: HILTON, Douglas J
 ; APPLICANT: ALEXANDER, Warren S
 ; APPLICANT: VINEY, Elizabeth M
 ; APPLICANT: WILLSON, Tracey A
 ; APPLICANT: RICHARDSON, Rachael T
 ; APPLICANT: STARR, Robyn
 ; APPLICANT: NICHOLSON, Sandra E
 ; APPLICANT: METCALF, Donald
 ; APPLICANT: NICOLA, Nicos A
 ; TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC AGENTS
 ; FILE REFERENCE: 109762
 ; CURRENT APPLICATION NUMBER: US/09/908,805B
 ; CURRENT FILING DATE: 2001-07-19
 ; PRIOR APPLICATION NUMBER: 08/962,560
 ; PRIOR FILING DATE: 1997-10-31
 ; NUMBER OF SEQ ID NOS: 81
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 32
 ; LENGTH: 2649
 ; TYPE: DNA
 ; ORGANISM: Mouse
 US-09-908-805B-32

Query Match 6.7%; Score 77.2; DB 10; Length 2649;

Best Local Similarity 48.4%; Pred. No. 9.7e-10;

Matches 214; Conservative 0; Mismatches 228; Indels 0; Gaps 0;

QY 386 AAAGCTCGGTTGGAGGGGAAATGAAGTCAATTGAGAGTTCTCGCTGACGGGGGGTCA 445
 DB 619 AAAGCTGTGAGCGCAAGAACGCGGAGCGGTGAGGATATTGGTGCATACCAACGACAG 678
 QY 446 GCGACACGTGCGACCACTTCCGTCGACAGCAGTGCACCGAGCTTCCCTGGAAGGCCAC 505
 DB 679 GCCAACCCCGCTGTAAACAGGGGCTGGACCGCACTGACAGGATCTGTCTCCGCAATGAC 738
 QY 506 ATGGAATCTCTGGAGAGCTTCTTAGATAATGGGCCACTGTGGAGCTTCCAGGATCGGCTG 565
 DB 739 CTGGAGGTGATGGAGATCTTAGTGAGTGGCGGGGCCAAGGTGGAGGCCAAGAAATGTCTAC 798

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OM nucleic - nucleic search, using sw model

Run on: December 12, 2002, 20:27:24 ; Search time 74 Seconds

(without alignments)
4799.077 Million cell updates/sec

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Perfect score: 1158

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searched: 441362 seqs, 15338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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2: /cgn2_6/ptodata/1/ina/5B_COMB.seq.*

3: /cgn2_6/ptodata/1/ina/6A_COMB.seq.*

4: /cgn2_6/ptodata/1/ina/6B_COMB.seq.*

5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq.*

6: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	261.6	22.6	1026	4 US-09-394-110A-3	Sequence 3, Appli
2	77.2	6.7	1288	2 US-09-172-977-2	Sequence 2, Appli
3	77.2	6.7	2649	4 US-09-302-769-32	Sequence 32, Appl
4	75.6	6.5	3454	4 US-09-082-059-1	Sequence 1, Appli
5	64.2	5.5	1789	3 US-09-035-706-1	Sequence 1, Appli
6	64.2	5.5	1789	3 US-08-955-841-1	Sequence 1, Appli
7	64.2	5.5	1789	4 US-09-428-219-3	Sequence 3, Appli
8	64.2	5.5	1789	4 US-09-390-425-1	Sequence 1, Appli
9	64.2	5.5	1789	4 US-09-566-906-1	Sequence 1, Appli
10	63	5.4	2157	4 US-08-973-005A-10	Sequence 10, Appl
11	62.4	5.4	16442	3 US-08-781-891-208	Sequence 208, App
12	62.2	5.4	8257	4 US-09-484-970B-65	Sequence 65, Appl
13	62	5.4	4134	4 US-09-196-387-1	Sequence 1, Appli
14	62	5.4	4491	4 US-09-196-387-7	Sequence 7, Appli
15	61.8	5.3	2378	4 US-08-973-005A-3	Sequence 3, Appli
16	61.8	5.3	2928	2 US-08-462-481-1	Sequence 1, Appli
17	61.8	5.3	2928	2 US-08-436-771-1	Sequence 1, Appli
18	61.8	5.3	2928	2 US-08-436-771-3	Sequence 3, Appli
19	61.8	5.3	2928	2 US-08-434-998-1	Sequence 1, Appli
20	61.8	5.3	2928	2 US-08-434-998-3	Sequence 3, Appli
21	61.8	5.3	2928	2 US-08-487-797-1	Sequence 1, Appli
22	61.8	5.3	2928	2 US-08-487-797-3	Sequence 3, Appli
23	61.8	5.3	2928	2 US-08-701-005A-1	Sequence 1, Appli
24	61.8	5.3	2928	2 US-08-479-895-1	Sequence 1, Appli
25	61.8	5.3	2928	5 PCT-US95-02058-1	Sequence 1, Appli
26	61.8	5.3	2928	5 PCT-US95-02058-3	Sequence 3, Appli
27	61.8	5.3	2931	3 US-08-943-956A-1	Sequence 1, Appli

ALIGNMENTS

RESULT 1

US-09-394-110A-3

; Sequence 3, Application US/09394110A

; Patent No. 6451594

; GENERAL INFORMATION:

; APPLICANT: Chien, Kenneth

; APPLICANT: Wang, Yibin

; APPLICANT: Evans, Sylvia

; TITLE OF INVENTION: No. 6451594el Recombinant Adenovirus for Tissue Specific Exp

; FILE REFERENCE: 6627-PA8045

; CURRENT APPLICATION NUMBER: US/09/394,110A

; CURRENT FILING DATE: 1999-09-10

; NUMBER OF SEQ ID NOS: 3

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 3

; LENGTH: 1026

; TYPE: DNA

; ORGANISM: Mus musculus

; US-09-394-110A-3

Query Match		22.6%	Score 261.6;	DB 4;	Length 1026;
Best Local Similarity		65.7%	Pred No. 4.1e-56;		
Matches 381;		Conservative 0;	Mismatches 199;	Indels 0;	Gaps 0;
QY	328	TGAGCCGCCCCAGAGCCGAGGAGATCACTGGCCCTGTGGATGAGGAGACCTTCTCGAA	387		
DB	332	TGTGAAGGAGCCAGAACCTGAAATTTATGACTCAACCTGTGGATGTGCCGAGGTTTCTGAA	391		
QY	388	AGCTCGGTGGAGGGGAAATGAAGTCTATTGAGAGTTCCTGGCTGACGGGGGTGACG	447		
DB	392	AGCTCGGTGGAGGAGAACAACTGCCAGTTGTAGAGAAATTTGGTGTGACAGAACAGCC	451		
QY	448	CGACACGTGCGACCACTTCCTCGGACAGCACTGCACCGAGCTTCCTCGAAGGCCACAT	507		
DB	452	CGACCTCTCGATGAGTATTAACGGACGCACTCCACCGAGCATGCTTTAGAGGACATCT	511		
QY	508	GGAAATCTTGGAGAGCTTCTAGATAATGGGGCCACTGTGGACTTCCAGGATCGGCTGA	567		
DB	512	GGCGATCTGGAGAGTTAATGGAGGCTGGAGCCCGACGATTTGAATCCGAGATATGCTTGA	571		
QY	568	CTGCACACCATGCAATTTGGCCCTGCCGGGGGGCCACTTAGAGGTGGTGAACACTTCTGCA	627		
DB	572	ATCCACAGCATCCCACTGGGCATGTCTGGAGGAAACGACAGATGTCTCTGAACTGTGCT	631		
QY	628	RAGCCATGAGCAGACACCAATGTGAGGATAGCTGTGACACCCCGCTCAGCTGCG	687		
DB	632	GAAACAGAGGACCAAAATCAGTCCAGACAGCAAGCTTCTCAGCAGCGCTCATGTGGC	691		
QY	688	AGTCCGGACAGGCGAGGTGGAGATTGTGAGGACACTTTCTTATCCCTGGGCTGGAATCAA	747		
DB					


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: Sequence 1, Application US/09035706
: Patent No. 6001622
: GENERAL INFORMATION:
: APPLICANT: Dedhar, Shoukat
: APPLICANT: Hannigan, Greg
: TITLE OF INVENTION: Integrin-Linked Kinase and
: TITLE OF INVENTION: Its Uses
: NUMBER OF SEQUENCES: 11
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Bozicevic & Reed, LLP
: STREET: 285 Hamilton Avenue, Suite 200
: CITY: Palo Alto
: STATE: CA
: COUNTRY: USA
: ZIP: 94301

```

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: GENERAL INFORMATION:
: APPLICANT: Dedhar, Shoukat
: APPLICANT: Hannigan, Greg
: TITLE OF INVENTION: Integrin-Linked Kinase and
: TITLE OF INVENTION: its Uses
: NUMBER OF SEQUENCES: 11
: CORRESPONDENCE ADDRESS:
: ADDRESS: Bozicevic & Reed, LLP
: STREET: 285 Hamilton Avenue, Suite 200
: CITY: Palo Alto
: STATE: CA

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Qy	487	AGCTTCCTCGAAGGCCACATGAAATCCCTGGAGAAGCTTCTAGATAATAGGGGCCACTGT	546
Db	93	AGCTGTTAGAGATGAAGACATTCAGTCGGTCCAGCAATTTGCTAGAAAGAGGGGCTCATGT	152
Qy	547	GGACTTCACAGGATCGGCTGGACATGCCAGCGATGCATTTGGGCTGCCGGGGGGGCCACTT	606
Db	153	CAATTTCCAGGAAGATGGGGCTGGTCACCTTTGTCATATGCATGACGTACAAGTTGACAGAGA	212

;; TITLE OF INVENTION: OF USE THEREOF
;; NUMBER OF SEQUENCES: 12
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Klauber & Jackson
;; STREET: 411 Hackensack Avenue, 4th Floor
;; CITY: Hackensack
;; STATE: New Jersey
;; COUNTRY: USA
;; ZIP: 07601
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/196,387
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/095,225
;; FILING DATE: June 10, 1998
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Jackson Esq., David A.
;; REGISTRATION NUMBER: 26,742
;; REFERENCE/DOCKET NUMBER: 600-1-230 CIP1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 201-487-5800
;; TELEFAX: 201-343-1684
;; TELEX: 133521
;; INFORMATION FOR SEQ ID NO: 1:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 4134 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: double
;; TOPOLOGY: linear
;; MOLECULE TYPE: CDNA
;; HYPOTHETICAL: NO
;; US-09-196-387-1

Query Match 5.48; Score 62; DB 4; Length 4134;
Best Local Similarity 49.78; Pred. No. 2.8e-06;
Matches 158; Conservative 0; Mismatches 160; Indels 0; Gaps 0;

Qy 567 ACTGCACAGCCATGCTGGGCTGCCGCGGGCCACTTAGAGGTGGTGAACCTTCG 626
Db 2515 ATTCACCCCTCTGCACCTGGCAGCGCTATATACTGGAAGTAGCTGAATATCTTC 2574
Qy 627 AAAGCCATGGAGCAGACACCAGTGTAGGGATAAGCTGCTGAGCAGCCCGCTGCACGTGG 686
Db 2575 TAGAGCATGGAGCTGATGTTAATGCCAGGACAAAGGTGGTTAATTCCTTCATAATG 2634
Qy 687 CAGTCCGGACAGCGAGGTGGAGATTGTGGAGCAGCTTCTATCCCTGGGCTGGAATCA 746
Db 2635 CGGCATCTTATGGGCATGTTGACATAGCGGCTTTATTGATAAATACAAACAGTGTGTA 2694
Qy 747 ATGCAGACAGGAGGAGGATAGTCCCTGCGATGAGCGCTGTGAGGCTCAACCGCTACA 806
Db 2695 ATGCAACAGATAAGTGGCGCTTTACTCCCTCCATGAGCAGCCAGAAAGAGGAGCGC 2754
Qy 807 AAATCATCAAACTGCTGCTCCTGATGGGGTGATGATGACCAAGAACCTTGCAGGAA 866
Db 2755 AGCTGTGGCGCTCCTCTCTAGCGCATGTTGACAGACCCCAACCATGAAGAACCAGGAAGGCC 2814
Qy 867 AGACCCCGACGACCTGG 884
Db 2815 AGACGCTCTGGATCTGG 2832

RESULT 14
US-09-387-7
; Sequence 7, Application US/09196387
; Patent No. 6277613
; GENERAL INFORMATION:

;; APPLICANT: de Lange, Titia
;; APPLICANT: Smith, Susan
;; TITLE OF INVENTION: A PROTEIN THAT BINDS TO TRF1 AND METHODS
;; TITLE OF INVENTION: OF USE THEREOF
;; NUMBER OF SEQUENCES: 12
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Klauber & Jackson
;; STREET: 411 Hackensack Avenue, 4th Floor
;; CITY: Hackensack
;; STATE: New Jersey
;; COUNTRY: USA
;; ZIP: 07601
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/196,387
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/095,225
;; FILING DATE: June 10, 1998
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Jackson Esq., David A.
;; REGISTRATION NUMBER: 26,742
;; REFERENCE/DOCKET NUMBER: 600-1-230 CIP1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 201-487-5800
;; TELEFAX: 201-343-1684
;; TELEX: 133521
;; INFORMATION FOR SEQ ID NO: 7:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 4491 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: double
;; TOPOLOGY: linear
;; MOLECULE TYPE: CDNA
;; HYPOTHETICAL: NO
;; FEATURE:
;; NAME/KEY: CDS
;; LOCATION: 6..2027
;; US-09-196-387-7

Query Match 5.48; Score 62; DB 4; Length 4491;
Best Local Similarity 49.78; Pred. No. 2.9e-06;
Matches 158; Conservative 0; Mismatches 160; Indels 0; Gaps 0;

Qy 567 ACTGCACAGCCATGCTGGGCTGCCGCGGGCCACTTAGAGGTGGTGAACCTTCG 626
Db 2872 ATTCACCCCTCTGCACCTGGCAGCAGCGCTATAAAGCTGGAAGTAGCTGAATATCTTC 2931
Qy 627 AAAGCCATGGAGCAGACACCAGTGTAGGGATAAGCTGCTGAGCAGCCCGCTGCACGTGG 686
Db 2932 TAGAGCATGGAGCTGATGTTAATGCCAGGACAAAGGTGGTTAATTCCTTCATAATG 2991
Qy 687 CAGTCCGGACAGGCGAGGTGGAGATTGTGGAGCAGCTTCTATCCCTGGGCTGGAATCA 746
Db 2992 CGGCATCTTATGGGCATGTTGACATAGCGGCTTTATTGATAAATACAAACAGTGTGTA 3051
Qy 747 ATGCAGACAGGAGGAGGATAGTCCCTGCGATGAGCGCTGTGAGGCTCAACCGCTACA 806
Db 3052 ATGCAACAGATAAGTGGCGCTTTACTCCCTCCATGAGCAGCCAGAAAGAGGAGCGC 3111
Qy 807 AAATCATCAAACTGCTGCTCCTGATGGGGTGATGATGACCAAGAACCTTGCAGGAA 866
Db 3112 AGCTGTGGCGCTCCTCTCTAGCGCATGTTGACAGACCCCAACCATGAAGAACCAGGAAGGCC 3171
Qy 867 AGACCCCGACGACCTGG 884
Db 3172 AGACGCTCTGGATCTGG 3189

Search completed: December 12, 2002, 21:38:29
Job time : 98 secs

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RESULT 15
US-08-973-005A-3
; Sequence 3, Application US/08973005A
; Patent No. 6320099
; GENERAL INFORMATION:
; APPLICANT: OGAWA Toshiya
;              YOSHIOKA Masaharu
;              ISHIDA Isao
; TITLE OF INVENTION: VIRUS RESISTANT PLANTS EXPRESSING ANIMAL
;                   CELL-DERIVED (2'-5') OLIGOADENYLATE SYNTHETASE AND
;                   RIBONUCLEASE L AND A METHOD FOR CREATING THE SAME
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Foley & Lardner
;   STREET: 3000 K Street, N.W., Suite 500
;   CITY: Washington
;   STATE: D.C.
;   COUNTRY: USA
;   ZIP: 20007-5109
; COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/08/973.005A
;   FILING DATE: 01-Dec-1997
; PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: JP 133741/1995
;   FILING DATE: 31-MAY-1995
;   APPLICATION NUMBER: JP 285401/1995
;   FILING DATE: 01-NOV-1995
;   APPLICATION NUMBER: JP 52010/1996
;   FILING DATE: 08-MAR-1996
; ATTORNEY/AGENT INFORMATION:
;   NAME: Bent, Stephen A.
;   REGISTRATION NUMBER: 29,768
;   REFERENCE/DOCKET NUMBER: 081356/0113
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (202)672-5300
;   TELEFAX: (202)672-5399
;   TELEX: 904136
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 2378 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: double
;   TOPOLOGY: linear
;   MOLECULE TYPE: cDNA
;   ORIGINAL SOURCE:
;     ORGANISM: human
;   SEQUENCE DESCRIPTION: SEQ ID NO: 3:
;
; US-08-973-005A-3
;
; Query Match          5.3%; Score 61.8; DB 4; Length 2378;
; Best Local Similarity 57.8%; Pred. No. 2.7e-06;
; Matches 130; Conservative 0; Mismatches 92; Indels 3; Gaps 1;
;
; QY 616 GAAACTTCTGCAAAAGCCATGGAGCAGACACACACTGTGTGAGGGATAAGCTGCTGAGCACCCC 675
;      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
; DB 745 GCATCTGCTGCTGACCATGGGCTGATGTCANTGTGAGGGGAGAAAGAGGAGACTCC 804
;
; QY 676 GCTGCAGCTGGCAGTCCGGACAGGGCAGGTGGAGATTTGGAGACACTTTCATCCCTGGG 735
;      ||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
; DB 805 CCTGATCCTGGCAGTGGAGAAAGACACTTTGGTTCAGAGGGCTTCTGGAGCAAGA 864
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; QY 736 CC---TGGAAATCAATGCCAGACAGAGGGGAGGACTGTCCTGCATGACCTGTGAG 792
;      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
; DB 865 GCACATAGAGATTAAAGACACACACAGTGTGCAAAACAGCACTGCTGCTGTGTTGA 924
;
; QY 793 GCTCAACCGCTACAAAATCATCAAACTGCTGCTCCTGCATGGGCG 837
;      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

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